U. S. FISH AND WILDLIFE SERVICE

PRESCRIBED BURNING PLAN

Stillwater NWR

Burn Unit Stillwater Point Reservoir

Prepared By: William G. Henry Date: 12-2-91

Reviewed By: _____ Date: _____

Concurrence: _____ Date: _____
Associate Manager

The approved Prescribed Burn Plan constitutes the authority to burn. No one has authority to burn without an approved plan or in a manner not in compliance with the approved plan. Actions taken in compliance with the approved Prescribed Burn Plan will be fully supported.

Approved By: _____ Date: _____
Regional Fire Management Coordinator

ANNUAL PRESCRIBED BURNING PLAN

Station: Stillwater NWR

Sub Station: _____

Name of Area: Stillwater Point Reservoir Acres to be Burned: 85

Specific Portion of Above: Southwest, southeast and eastern shoreline of reservoir.

Legal Description: T. 19N R. 31E Sec.(s) 15, 20,21 County: Churchill

Physical Features: Shoreline has been encroached by saltcedars due to drought. This unit is bordered by water on the north and west and alkali playa and dirt roads on the south and east.

Veg. Cover Types: (species, Height, density, etc.) Saltcedar (2-6 ft.) interspersed with alkali weeds and saltgrass.

Vegetation Type	Acres	%	Fuel Model
Saltcedar/Saltgrass			
TOTALS			

Primary Resource Objectives: To remove standing exotic vegetation to facilitate control by flooding.

Specific Objectives of Burn: Burn patches of saltcedar that are encroaching throughout the unit.

PRE-BURN PLANNING AND ACTIONS

Site Preparation: (what, when, how, & who) Unit is surrounded by maintained gravel/dirt roads and extensive alkali playas - effective firebreaks.

SMOKE MANAGEMENT

Smoke Management Number: N/A

Distance and Direction from Smoke Sensitive Area(s): 7 miles southwest of Fallon Naval Air Station, 13 miles west to the town of Fallon.

Necessary Transport Wind Direction: South and West

Visibility Hazard(s) (Roads, Airports, etc.) Nearest county road, ¼ mile west of unit.

Actions to Reduce Visibility Hazard(s) (6RM 7 Exhibit 5 Part 2): Check local weather forecast.

Residual Smoke Problems? Measures to Reduce Problem (ie. Mop-up, fuel moisture, time of day, etc. ?): None expected light fuels will be rapidly consumed by fire.

Other Safety Hazards: (adjacent lands, visitors, facilities, terrain, etc. and needed actions) Area is off limits to general public.

Public contacts: Adjacent landowners will be advised.

Personnel Escape Plan: N/A

Special Constraints and Considerations: Get authorization from local Air Pollution Control dispatch.

Communications and Coordinations: Notify local fire department and refuge office dispatch.

Pre-burn Monitoring:

Visual Inspection: Completed 11-26-91 Veg. Transects: Completed

Photo Documentation: Completed Other: _____

General Habitat Conditions: Reseeding waters have allowed saltcedar encroachment. Area is very flat.

IGNITION, BURNING, & CONTROL

Planned or Proposed / Actual

Scheduling: Approx. Date(s) Early December to late March // _____

Time of Day Mid-morning until early afternoon // _____

Weather parameters: Acceptable prescription range _____ //

FIRE BEHAVIOR

	Low	Desired	High	
Temperature (broad range):	30	50	70	// _____
Relative Humidity: (High - Low)	15	_____	50	// _____
Wind Direction:	___	S or W	___	// _____
Wind Speed (20', forecast):	0	_____	10	// _____
Wind Speed (Mid flame) (40% of 20') (or eye level)	0	_____	5	// _____

Cloud Cover	0		50	//
(more or less than 50%)				
Environmental Conditions:				//
Soil Moisture:		High		//
Fuel Moisture: (Attach	5		25	//
prediction worksheets)				
Litter or Duff Moisture:		60		//
(No. days since at least .5" rain)				
Other:				//
Fire Behavior:				
Type of Fire:		Strip flank fires		//
Rate of Spread:	3		110	//
Intensity:	30		1400	//
Flame Length:	2		13	//

Funds and Manpower:

	Costs			Activity Code:	
	Equip & Sup	Labor	Total Cost	Staff Days	
Admin:				1	//
Site Prep:				0	//
Ign & Contain:	150	300	450	4	//
Total:	150	300	450	5	//

Public Contact on Burn Day: Adjacent landowners, Air Pollution Control Board local fire department

Crew Briefing Points (communications, hazards, equipment, water sources, escape, etc.): Tailgate safety discussion prior to burn, including radio assignment, meeting places, escape routes and other techniques to be used.

Ignition Technique (methods, how, where, who, & sequence): Driptorch to back fire along firebreaks and strip flank firing to burn out area.

Holding and Control:

Critical Control Problem: None

Crews & Equipment Assignments (list all personnel and equip. needed):
Four personnel, 3 drip torches, mobile fire pumper, hand radios, fire weather kit, and fire safety clothing.

Contingency Plan for Escaped Fires: Call headquarters and alert local fire department

Mop-up and Patrol:

Special Problems: None

CRITIQUE OF BURN

Were Burn Objectives Accomplished:

Deviation from Plans (why):

Problems and General Comments:

POST BURN MONITORING

Visual Inspection-Date: _____ Comments on Habitat Conditions, etc:

Vegetative Transects:

Photo Documentation:

Other:

Detailed reviews of planning, accomplishments, monitoring, etc. should be appended to plan.

STILLWATER NWR

Stillwater Point Reservoir

Proposed Burn

1. Burn down wind area
2. Advance upwind using flank strip fires
3. Preferred wind direction, South or West